

Steven Lenhert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3712019/publications.pdf>

Version: 2024-02-01

39
papers

1,544
citations

394421

19
h-index

345221

36
g-index

41
all docs

41
docs citations

41
times ranked

1946
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Translational Nanotechnology: Challenges and Opportunities. Applied Sciences (Switzerland), 2020, 10, 4881.	2.5	6
2	Aptamer Functionalized Lipid Multilayer Gratings for Label-Free Analyte Detection. Nanomaterials, 2020, 10, 2433.	4.1	1
3	Conjugating Micropatches to Living Cells Through Membrane Intercalation. ACS Applied Materials & Interfaces, 2020, 12, 29110-29121.	8.0	3
4	Organic Composites as Supramolecular Aptamers. ACS Omega, 2020, 5, 27393-27400.	3.5	9
5	Magnetic and magnetothermal studies of iron boride (FeB) nanoparticles. Journal of Magnetism and Magnetic Materials, 2018, 451, 407-413.	2.3	26
6	Enhanced cellular uptake of size-separated lipophilic silicon nanoparticles. Scientific Reports, 2017, 7, 43731.	3.3	10
7	Fluid Lipid Multilayer Stabilization by Tetraethyl Orthosilicate for Underwater AFM Characterization and Cell Culture Applications. MRS Advances, 2017, 2, 3553-3558.	0.9	0
8	Polymer Pen Lithography with Lipids for Large-Area Gradient Patterns. Langmuir, 2017, 33, 8739-8748.	3.5	24
9	Screening of Lipid Composition for Scalable Fabrication of Solvent-Free Lipid Microarrays. Frontiers in Materials, 2016, 3, .	2.4	3
10	Quantification of Protein-Induced Membrane Remodeling Kinetics In Vitro with Lipid Multilayer Gratings. Small, 2016, 12, 506-515.	10.0	10
11	Evaporative edge lithography of a liposomal drug microarray for cell migration assays. Nanofabrication, 2015, 2, 34-42.	1.1	10
12	Lipid Multilayer Grating Arrays Integrated by Nanointaglio for Vapor Sensing by an Optical Nose. Sensors, 2015, 15, 20863-20872.	3.8	11
13	Quantitative dose-response curves from subcellular lipid multilayer microarrays. Lab on A Chip, 2015, 15, 3397-3404.	6.0	12
14	Functional Implications of Photosystem II Crystal Formation in Photosynthetic Membranes. Journal of Biological Chemistry, 2015, 290, 14091-14106.	3.4	45
15	Compartmentalization of the protein repair machinery in photosynthetic membranes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15839-15844.	7.1	74
16	Materials Integration by Nanointaglio. Advanced Materials Interfaces, 2014, 1, 1300127.	3.7	12
17	Low-cost fabrication of centimetre-scale periodic arrays of single plasmid DNA molecules. Lab on A Chip, 2013, 13, 3367.	6.0	3
18	Development of a single-cell array for large-scale DNA fluorescence in situ hybridization. Lab on A Chip, 2013, 13, 1316.	6.0	14

#	ARTICLE	IF	CITATIONS
19	Drug discovery: a view through the looking glass. <i>Future Medicinal Chemistry</i> , 2012, 4, 2011-2013.	2.3	0
20	Convergence of Dip-Pen Nanolithography and acoustic biosensors towards a rapid-analysis multi-sample microsystem. <i>Analyst</i> , 2012, 137, 3076.	3.5	18
21	Multifunctional Lipid Multilayer Stamping. <i>Small</i> , 2012, 8, 1021-1028.	10.0	28
22	Lipid multilayer microarrays for in vitro liposomal drug delivery and screening. <i>Biomaterials</i> , 2012, 33, 4187-4194.	11.4	32
23	High-throughput optical quality control of lipid multilayers fabricated by dip-pen nanolithography. <i>Nanotechnology</i> , 2011, 22, 225301.	2.6	25
24	<i>In situ</i> lipid dip-pen nanolithography under water. <i>Scanning</i> , 2010, 32, 15-23.	1.5	24
25	Lipid multilayer gratings. <i>Nature Nanotechnology</i> , 2010, 5, 275-279.	31.5	98
26	Biophotonic fluorescence excitation with integrated polymer waveguides. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
27	Common Genetic Pathways Regulate Organ-Specific Infection-Related Development in the Rice Blast Fungus. <i>Plant Cell</i> , 2010, 22, 953-972.	6.6	61
28	Highly integrated biophotonics towards all-organic lab-on-chip systems. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
29	A Self-Correcting Inking Strategy for Cantilever Arrays Addressed by an Inkjet Printer and Used for Dip-Pen Nanolithography. <i>Small</i> , 2008, 4, 1666-1670.	10.0	35
30	Multiplexed Lipid Dip-Pen Nanolithography on Subcellular Scales for the Templating of Functional Proteins and Cell Culture. <i>Small</i> , 2008, 4, 1785-1793.	10.0	142
31	Langmuir-Blodgett Patterning: A Bottom-Up Way To Build Messtructures over Large Areas. <i>Accounts of Chemical Research</i> , 2007, 40, 393-401.	15.6	207
32	Capillary-Induced Contact Guidance. <i>Langmuir</i> , 2007, 23, 10216-10223.	3.5	29
33	Massively Parallel Dip-Pen Nanolithography of Heterogeneous Supported Phospholipid Multilayer Patterns. <i>Small</i> , 2007, 3, 71-75.	10.0	218
34	Interface Interaction Controlled Transport of CdTe Nanoparticles in the Microcontact Printing Process. <i>Langmuir</i> , 2006, 22, 7807-7811.	3.5	15
35	Mechanism of Regular Pattern Formation in Reactive Dewetting. <i>ChemPhysChem</i> , 2005, 6, 2495-2498.	2.1	29
36	Osteoblast alignment, elongation and migration on grooved polystyrene surfaces patterned by Langmuir-Blodgett lithography. <i>Biomaterials</i> , 2005, 26, 563-570.	11.4	168

#	ARTICLE	IF	CITATIONS
37	Nanoimprinting of Biomaterial Interfaces. <i>Microscopy and Microanalysis</i> , 2003, 9, 458-459.	0.4	0
38	Nucleic Acid Supercoiling as a Means for Ionic Switching of DNA-Nanoparticle Networks. <i>ChemBioChem</i> , 2001, 2, 260-264.	2.6	80
39	High-Quality Mapping of DNA-Protein Complexes by Dynamic Scanning Force Microscopy. <i>ChemPhysChem</i> , 2001, 2, 384-388.	2.1	53